

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings filed on serial date 8-9-01 are:  
A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of the corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(c). Acceptable categories of drawings:  Black ink. Color: _____  _____ Color drawings are not acceptable in a petition to examine.  Fig(s) _____  Pencil and non black ink not permitted. Fig(s) _____  2. PHOTOGRAPH. 37 CFR 1.84(b).  _____ Full-tone effect is required. Fig(s) _____  _____ Photograph entry not mounted. 37 CFR 1.84(c).  _____ Poor quality (draft tone). Fig(s) _____  3. TYPE OF PAPER. 37 CFR 1.84(c).  _____ Paper not suitable, strong, white, and durable.  _____ Fig(s) _____  _____ Erasures, alterations, overwritings, interlineations,  folds, copy machine marks not accepted. Fig(s) _____  _____ Mylar, selenium paper is not acceptable (too thin).  _____ Fig(s) _____  4. SIZE OF PAPER. 37 CFR 1.84(c). Acceptable sizes:  _____ 21.0 cm by 29.7 cm (DIN size A4).  _____ 21.6 cm by 27.9 cm (8.12 x 11 inches).  _____ All drawing sheets not the same size.  _____ Sheet(s) _____  _____ Drawings sheets not an acceptable size. Fig(s) _____  5. MARGINS. 37 CFR 1.84(g). Acceptable margins:  Top 2.5 cm; Left 2.5 cm; Right 1.5 cm; Bottom 1.0 cm.  _____ SIZE: A4 Size.  Top 2.5 cm; Left 2.5 cm; Right 1.5 cm; Bottom 1.0 cm.  _____ SIZE: 8.12 x 11.  Margins not acceptable. Fig(s) <u>1A, 1B, 3A, 3B, 3C, 4A, 5A</u>  _____ Top: L _____ Left: L  _____ Right: R _____ Bottom: B  6. VIEWS. 37 CFR 1.84(h).  REMINDER: Specification may require revision to  correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2).  _____ Brackets needed to show figure as one entity.  _____ Fig(s) _____  _____ Views not labeled separately or properly.  _____ Fig(s) _____  _____ Enlarged view not labeled separately or properly.  _____ Fig(s) _____  7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).  _____ Hatching not indicated for sectional portions of an object.  _____ Fig(s) _____  _____ Sectional designation should be noted with Arabic or  Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).  _____ Word is do not appear on a horizontal, left-to-right fashion  when page is either upright or turned so that the top  becomes the right side, except for graphs. Fig(s) _____  9. SCALE. 37 CFR 1.84(j).  _____ Scale not large enough to show mechanism without  crowding when drawing is reduced in size to two-thirds in  reproduction.  _____ Fig(s) _____  10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.  37 CFR 1.84(i).  _____ Lines, numbers &amp; letters not uniformly thick and well  defined, clean, durable, and black (poor line quality).  _____ Fig(s) <u>1A-5B</u>  11. SHADING. 37 CFR 1.84(m).  _____ Solid black areas pale. Fig(s) _____  _____ Solid black shading not permitted. Fig(s) _____  _____ Shade lines, pale, rough and blurred. Fig(s) _____  12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.  37 CFR 1.84(p).  _____ Numbers and reference characters not plain and legible.  _____ Fig(s) <u>1A-5B</u>  _____ Figure legends are poor. Fig(s) _____  _____ Numbers and reference characters not oriented in the  same direction as the view. 37 CFR 1.84(p)(1).  _____ Fig(s) _____  _____ English alphabet not used. 37 CFR 1.84(p)(2).  _____ Fig(s) _____  _____ Numbers, letters and reference characters must be at least  32 mil (1/8 inch) in height. 37 CFR 1.84(p)(3).  _____ Fig(s) _____  13. LEAD LINES. 37 CFR 1.84(q).  _____ Lead lines cross each other. Fig(s) _____  _____ Lead lines missing. Fig(s) _____  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(u).  _____ Sheets not numbered consecutively, and in Arabic numerals  beginning with number 1. Sheet(s) _____  15. NUMBERING OF VIEWS. 37 CFR 1.84(u).  _____ Views not numbered consecutively, and in Arabic numerals,  beginning with number 1. Fig(s) _____  16. CORRECTIONS. 37 CFR 1.84(w).  _____ Corrections not made from prior PTO-945  dated _____  17. DESIGN DRAWINGS. 37 CFR 1.152.  _____ Surface shading shown not appropriate. Fig(s) _____  _____ Solid black shading not used for color contrast.  _____ Fig(s) _____</p>
<p>COMMENTS</p>	

REVIEWER J. CHASE DATE 7-23-02 TELEPHONE NO. 703 365 8430

ATTACHMENT TO PAPER NO. \_\_\_\_\_